



# NITFS Compliance Registration



**Product:** ELT/5500 PRO  
**Sponsor:** Overwatch System Boston Operations  
**Developer:** Overwatch System Boston Operations

**Date:** 30 Nov 2009  
**Expiration:** 29 Nov 2011  
**Registration #:** 2077

## NITFS Features Implemented:

☐ **System,** N-0105/98, §4.1.1

☒ **Product,** N-0105/98, §4.1.2

☐ **Component,** N-0105/98, §4.1.3

☐ Initial Registration

☒ Supplemental/Update #

☐ Derived from Reg. #

### Complexity Level

NITF 2.1 CLEVEL							
	3	5	6	7			
Interpretable							
Generatable							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Other
Interpretable							
Generatable							

## Configurations Tested:

-Windows XP 32-bit  
-Windows XP 64-bit

### Format

☒ NITF  
☒ 2.1  
☒ 2.0  
☒ 1.1

☒ NSIF  
☒ 1.0

### Annotation Segment

☒ Types  
☒ Bit Mapped \*\*  
☒ CGM 2301, Function  
☒ CGM 2301, Description  
☒ CGM 2301A, Function\*

☒ Text Segments  
☒ Description\*

☒ Labels \*\*  
☒ U8S\*

☒ MTF

### Image Segment Non-Compressed

☒ MONO, 1 Band  
☒ RGB, 3 Bands  
☒ RGB/LUT, 1 Band  
☒ MULTI, Multiband  
☒ NODISPLAY, 1 to Multiband Mask

### Image Segment Compressed

☒ JPEG DCT  
☒ 1 Band  
☒ 3 Band  
☒ Multiband  
☒ Mask  
☒ JPEG Lossless  
☒ JPEG Downsample  
☒ JPEG 2000\*

☒ Code Stream w/o JP2  
☒ Code Stream w/JP2  
☒ 1 Band  
☒ 3 Band RGB  
☒ 1 Band RGB/LUT  
☒ Multiband  
☒ Mask

☒ Bi-Level  
☒ Mask  
☒ Vector Quantization  
☒ Mask

### Data Extension Segments

☒ TRE\_OVERFLOW\*  
☒ STREAMING\_FILE\_HEADER\*  
☒ Controlled Extensions \*\*  
☒ Registered Extensions \*\*

### Tagged Record Extensions

☒ - ASDE  
☒ - CSDE  
☒ - DIGEST GeoSDE  
☒ - NCDRD  
☒ - PIAE  
☒ - RPF  
☒ - NSDE  
☒ - IOMAPA  
☒ - ICHIPB  
☒ - BANDSB  
☒ - HISTOA  
☒ - J2KLRA  
☒ - NBLOCA

### Legend

Inter Gen  
☒ Fully implemented  
☒ Partially implemented  
☐ Not implemented

\*\* NITF 2.0 feature  
\* NITF 2.1 feature

*Valerie Baker*

VALERIE BAKER, Lt Col, USAF, Division Chief  
Joint Interoperability Test Command  
Executive Agent to National Geospatial-  
Intelligence Agency for the NITFS Test and  
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of a product for the intended use. Optional NITFS features may not be implemented.